

# Attunity Connect Release Notes

Version 4.1



## ***Attunity Connect Release Notes***

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# New Features in Attunity Connect Version 4.1

The following changes were incorporated in Attunity Connect version 4.1:

- |                             |  |
|-----------------------------|--|
| <b>Change Capture Agent</b> | The Change Capture Agent enables periodic polling of a data source for any changes based on initial criteria. These changes are then entered into an Event queue where they can later be routed to target applications.  |
| <b>SELECT XML</b>           | You can get an exact image of the underlying data source record in XML. This greatly simplifies the handling of data sources that support complex data structures, like VSAM, Enscribe, RMS and ISAM data sources.   |
| <b>DB2 2PC Support</b>      | DB2 now supports distributed transactions on Windows and UNIX platforms as well as OS/390.   |
| <b>Daemon Shutdown</b>      | Starting in this version, when the daemon is shut down, all server instances are stopped by default. A new workspace-level daemon configuration parameter (keepWhenDaemonEnds) can be used to disable this default behavior and keep the previous functionality (where an active server is not stopped). |

## New Features Added in Attunity Connect Version 4.0.2

The following changes were incorporated in Attunity Connect version 4.0.2 maintenance release, and have rolled up into the 4.1 release:

- |                           |   |
|---------------------------|---|
| <b>Installations</b>      | An Installation Verification Process (IVP) now runs at installation.  |
| <b>BEA Tuxedo Adapter</b> | The adapter to BEA Tuxedo is now available on Windows, IBM AIX, HP-UX and HP Tru64 UNIX platforms, in addition to the Sun Solaris platform. The version also includes an import to generate metadata for the adapter using a Jolt Bulk Loader file, in addition to the import using Tuxedo VIEWS and configuration files. |

## New Features Added in Attunity Connect Version 4.0.1

The following changes were incorporated in Attunity Connect version 4.0.1 maintenance release, and have rolled up into the 4.1 release:

### Query Governor

Enables you to prevent and/or restrict the execution of run-away queries by setting specific rules on the query execution, thus protecting system resources. The Query Governor settings are defined at the Workspace level and its restrictions apply to all queries directed to it. The Query Governor supports the following governing rules:

- Restricts the number of table rows that are read in a query. When the number of rows read from a table exceeds the number stated, the query stops and an appropriate message is sent back to the client.
- Restricts the number of table rows that can be scanned. This parameter impacts on the query booth during query optimization and execution.

During query optimization, the value set is compared to the table cardinality. If the table cardinality is greater than the restriction the scan strategy is ignored as a possible strategy, unless it is the only available strategy.

During query execution, a scan is limited to the value set. When the number of rows scanned exceeds the number stated, the query stops and an appropriate message is sent back to the client.

### NAV\_UTIL Administration Option

A new option, NAV\_UTIL ADD\_ADMIN, enables you to specify a user who can access the machine where you run this command, as an administrator from Attunity Studio.

# Current Restrictions and Known Problems

## Current Restrictions

The current release has the following restrictions:

- You cannot run an upgrade installation when the daemon of the current installation is running. Shut down the daemon before running the installation.

## Known Problems

The following are known problems in the current release:

### Platform Problems

- On Windows platforms, when the workspace server mode is multiThreaded, the Chinese language is not supported.

### Driver and Adapter Problems

- With all ADD drivers, the following data types are not supported:
  - bit
  - bits
  - ubits
- The int8 data type is not supported in CISAM and DISAM on HP-UX platforms.
- The varstring4 data type is not supported in DISAM on Sun Solaris platforms.
- When defining a connection to SQL Server using the MSSQLODBC driver, you must specify the server name as part of the connection parameters.

### Feature Problems

- When shutting down the daemon using the ABORT option, a GPE occurs if there are active clients.
- A user profile cannot be defined with a period (".") as part of the name.
- Refreshing the daemon also kills active server instances that are within a transaction.
- A table owner that begins with the "at" sign must be specified in SQL statements between quotes ("@").
- ❖ Due to a bug with ADO, in a client/server configuration, using pessimistic locking, any information changed is not stored in the client/server ado cache.

